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Figures

Figure 1

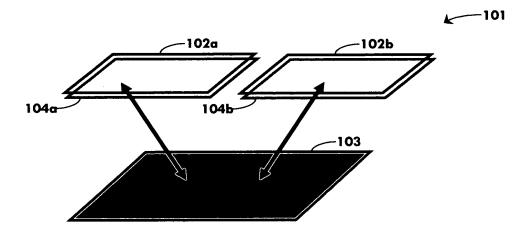
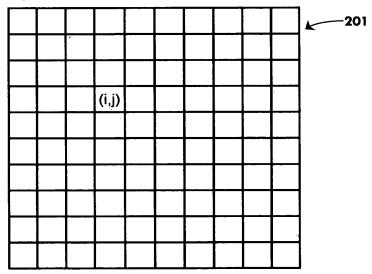


Figure 2



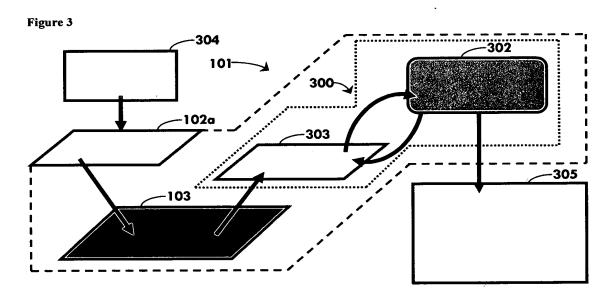


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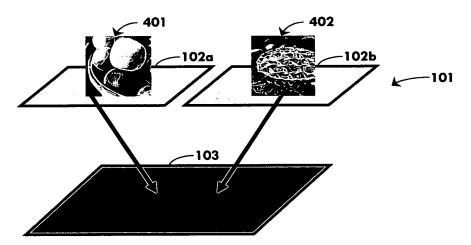


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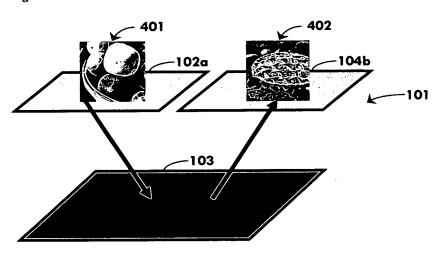


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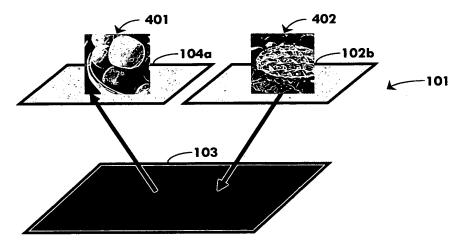


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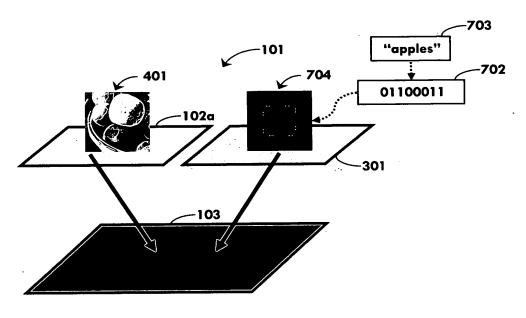


Figure 8

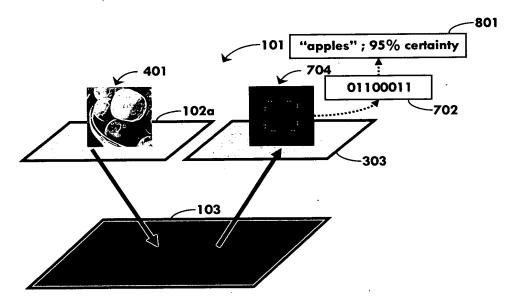


Figure 9
Input information to a buffer

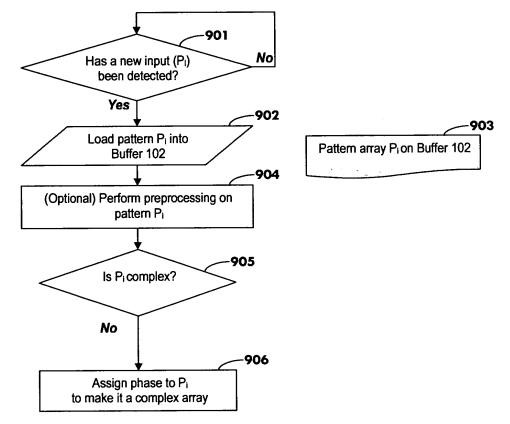
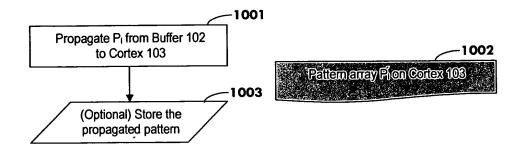
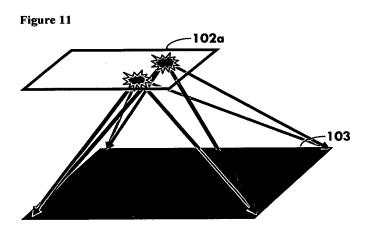


Figure 10

Transport information from buffer to cortex or cortex to buffer





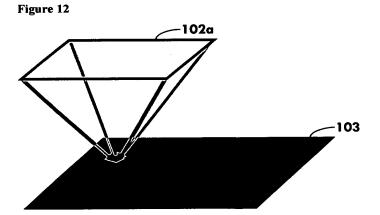


Figure 13
Associate two or more patterns

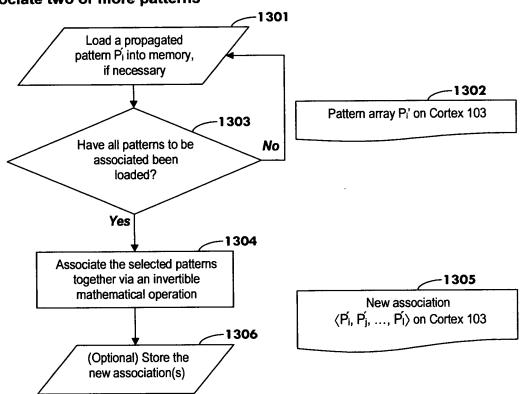


Figure 14

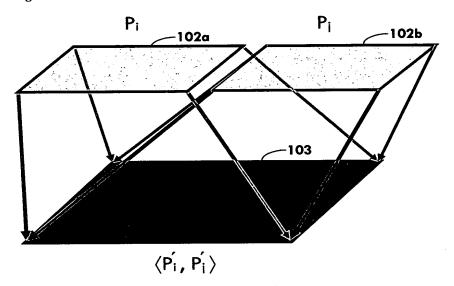


Figure 15

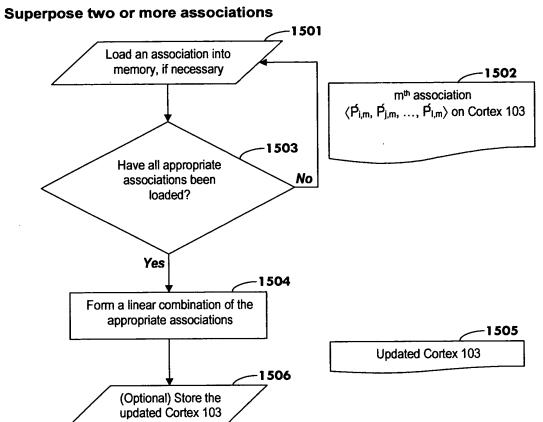


Figure 16



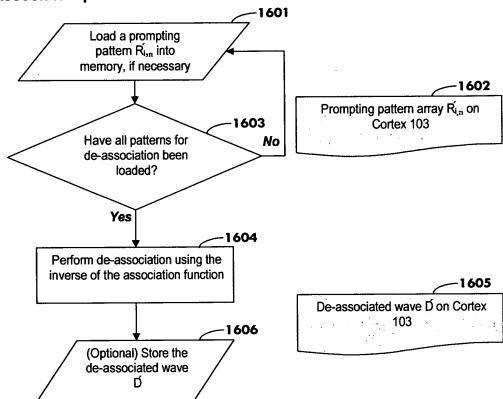


Figure 17

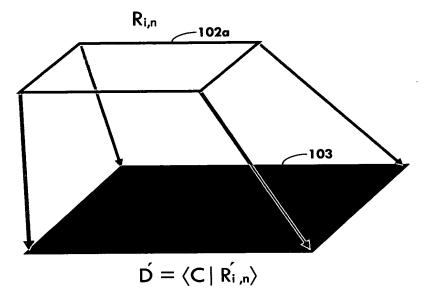


Figure 18

Export buffer information

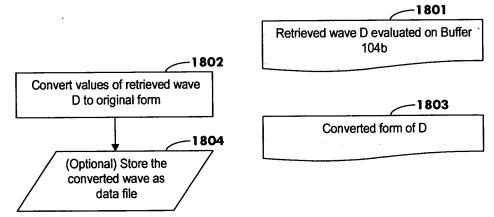


Figure 19

Generate an internal identification pattern (IIP)

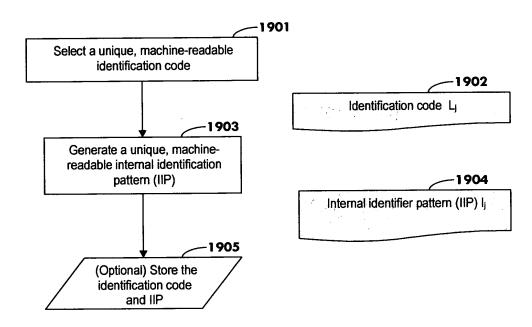


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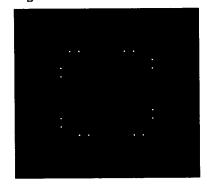


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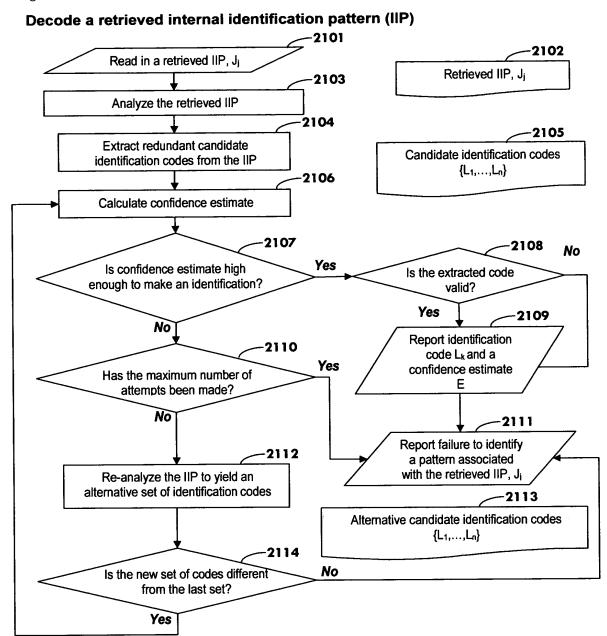


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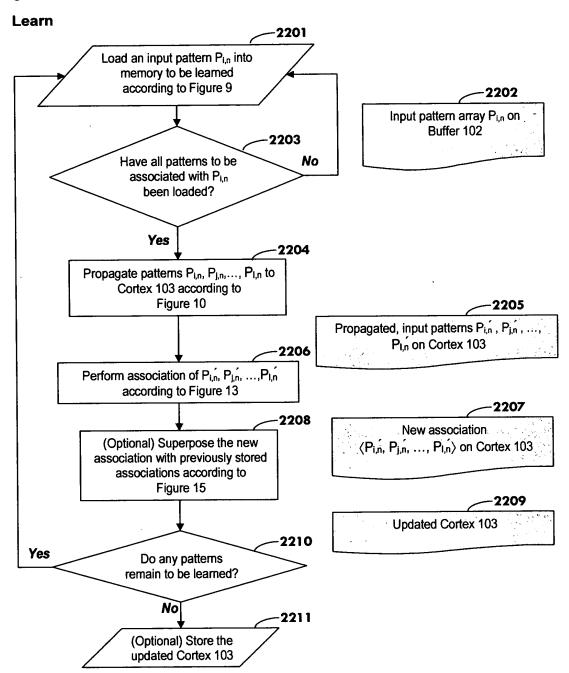


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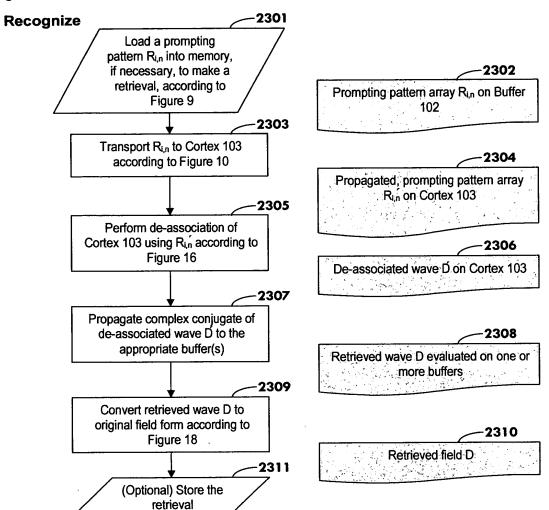


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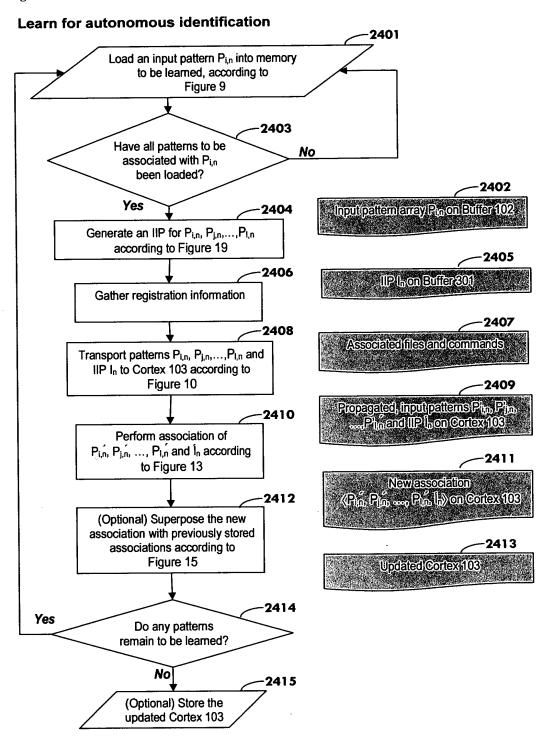
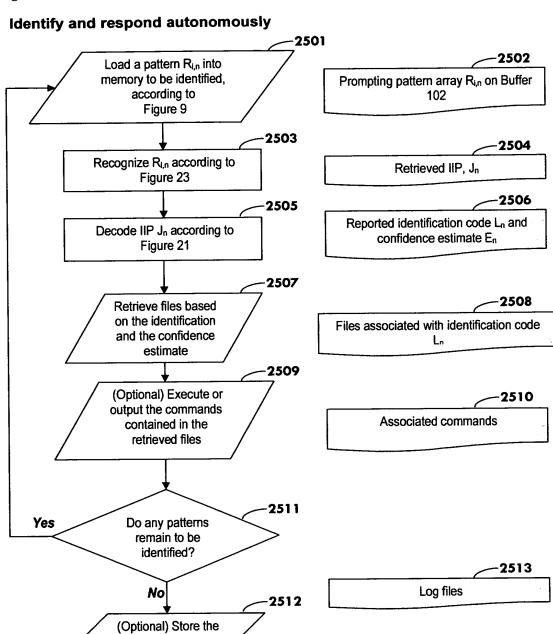


Figure 25



identification log

Figure 26A

Adaptively improve identification performance through experience

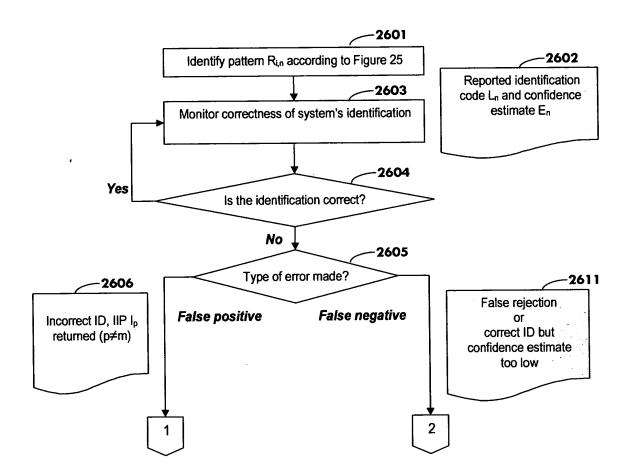


Figure 26B

Adaptively improve identification performance through experience (continued)

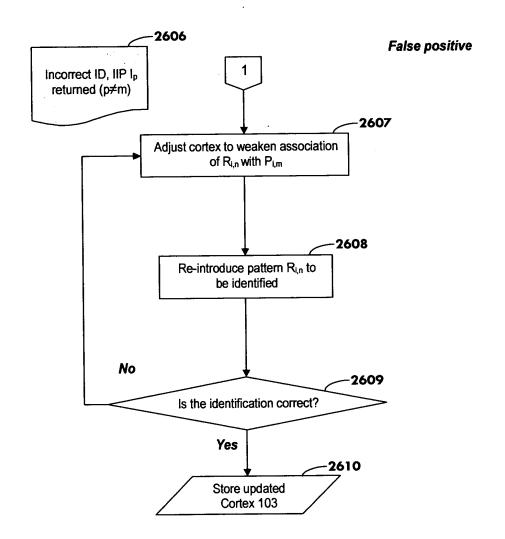
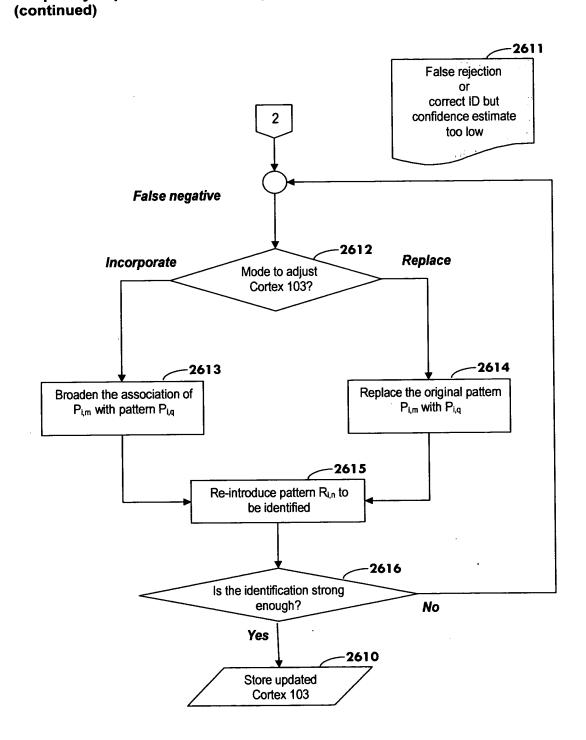


Figure 26C

Adaptively improve identification performance through experience



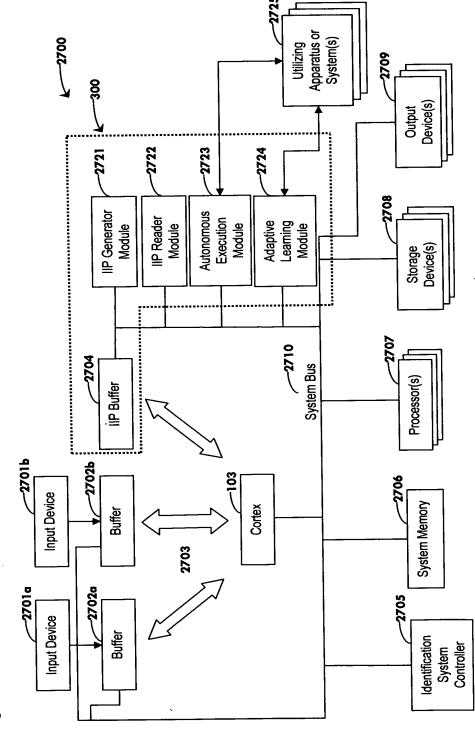
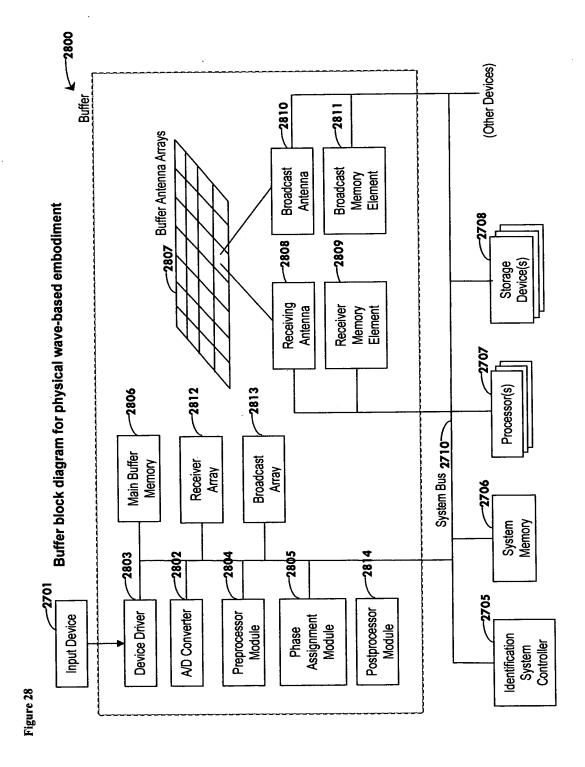


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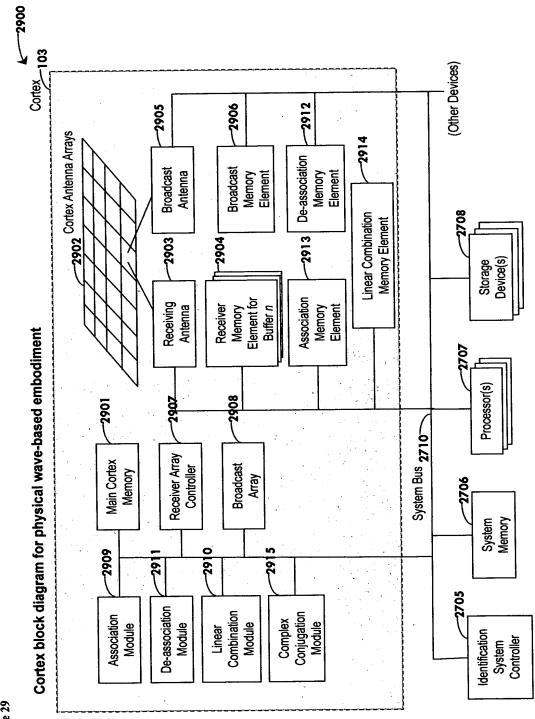
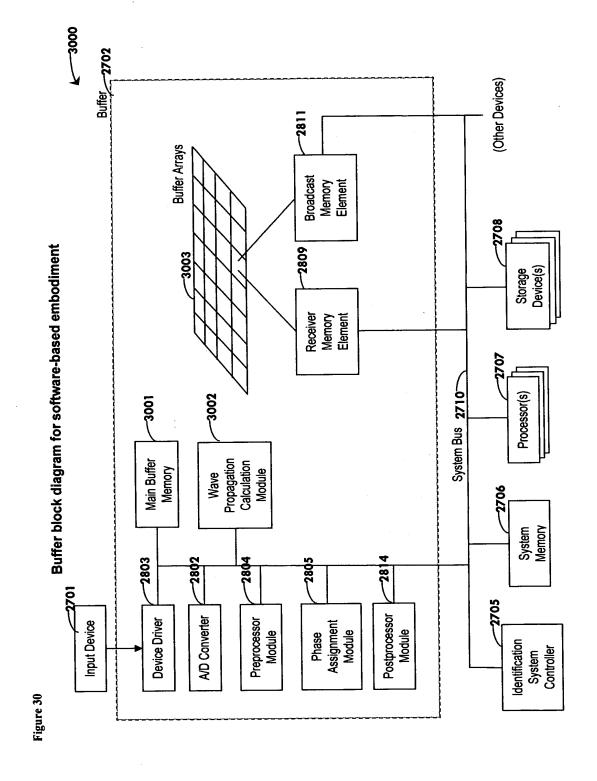


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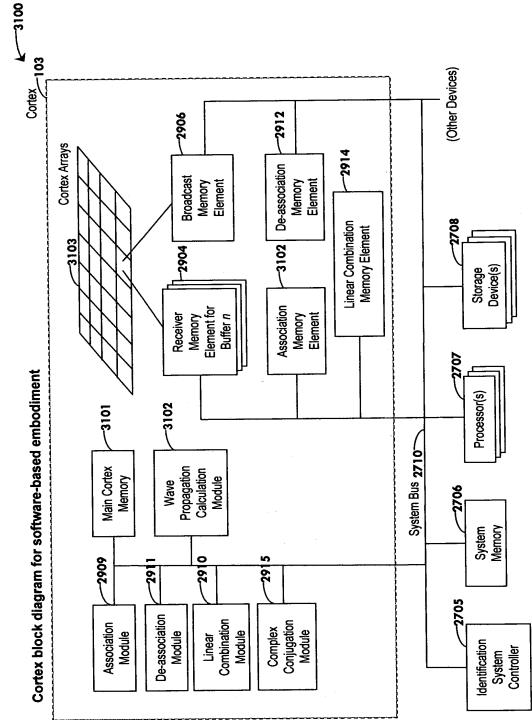


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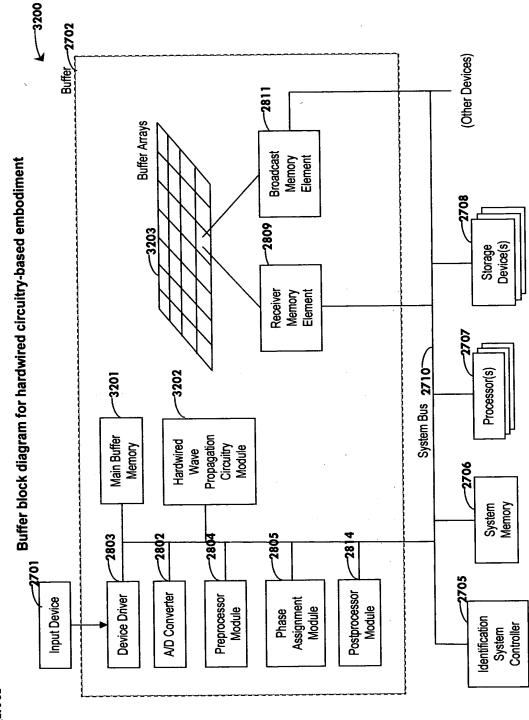


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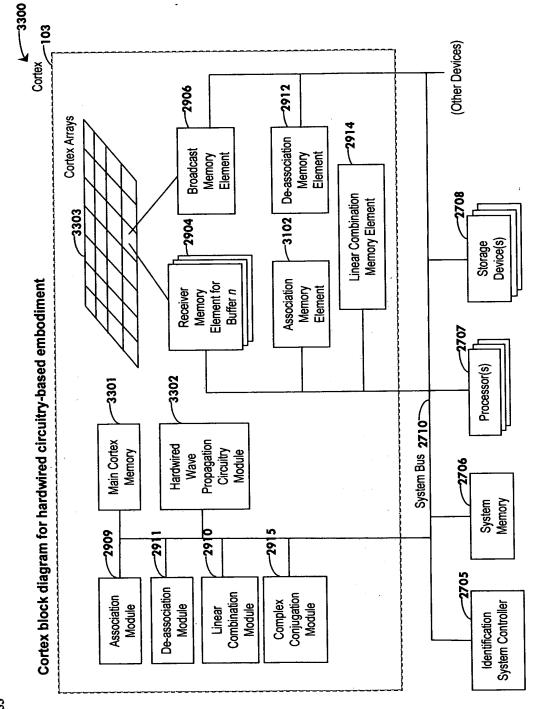


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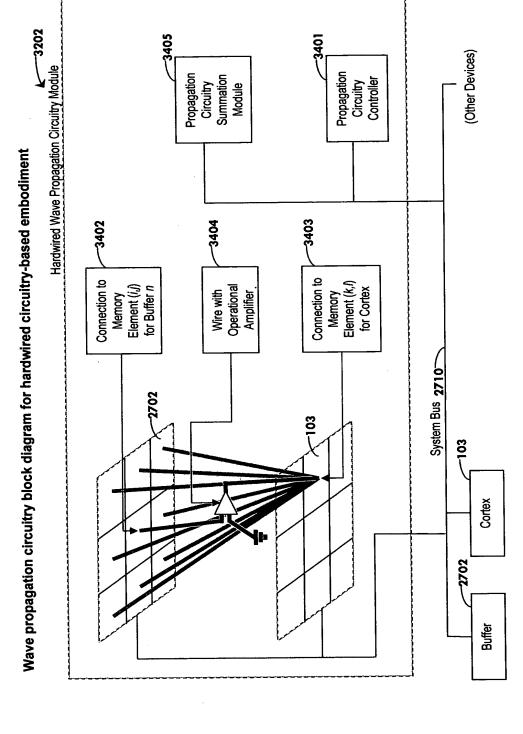


Figure 34

Figure 35

Figure 36

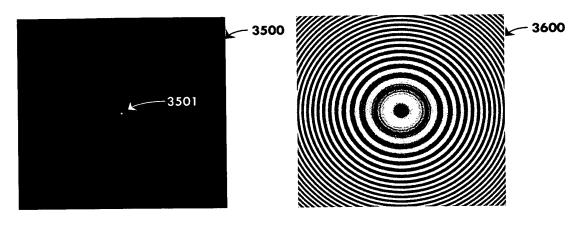


Figure 37

Figure 38

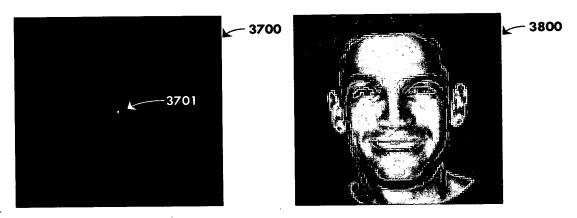
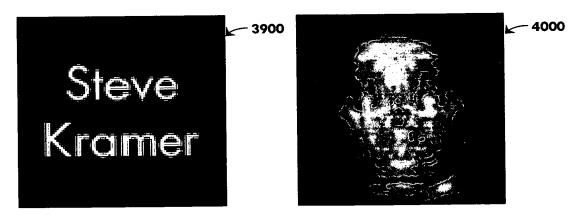
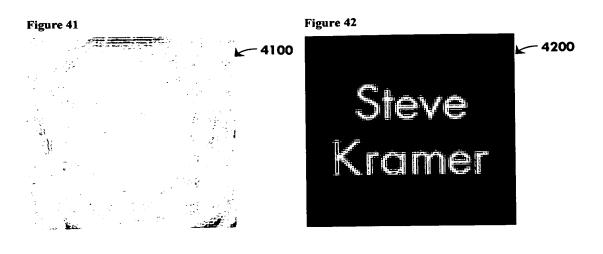
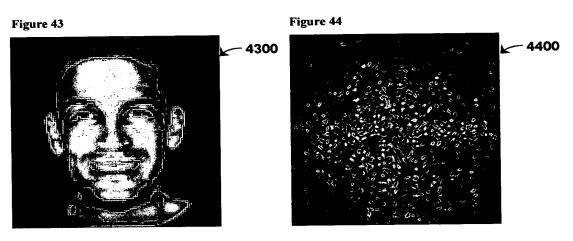


Figure 39

Figure 40







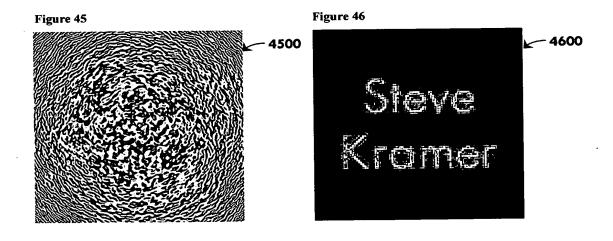
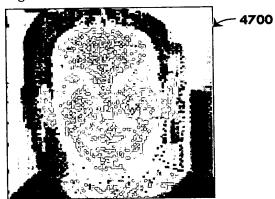
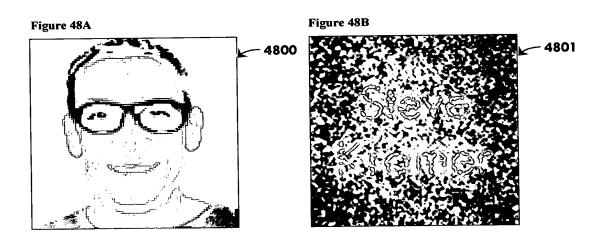
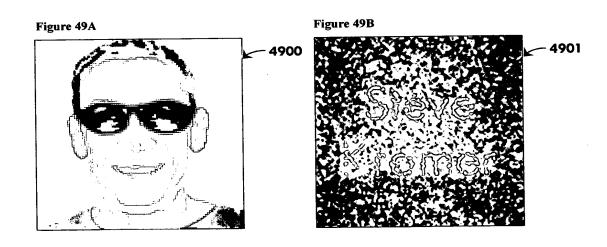
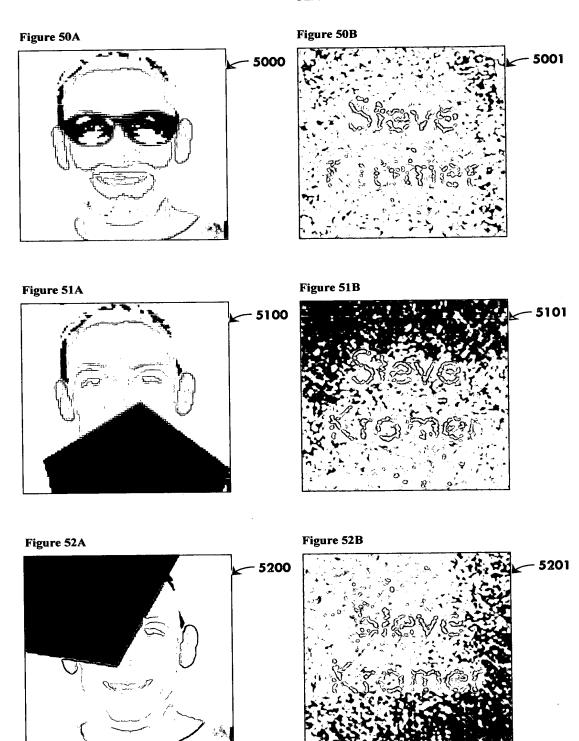


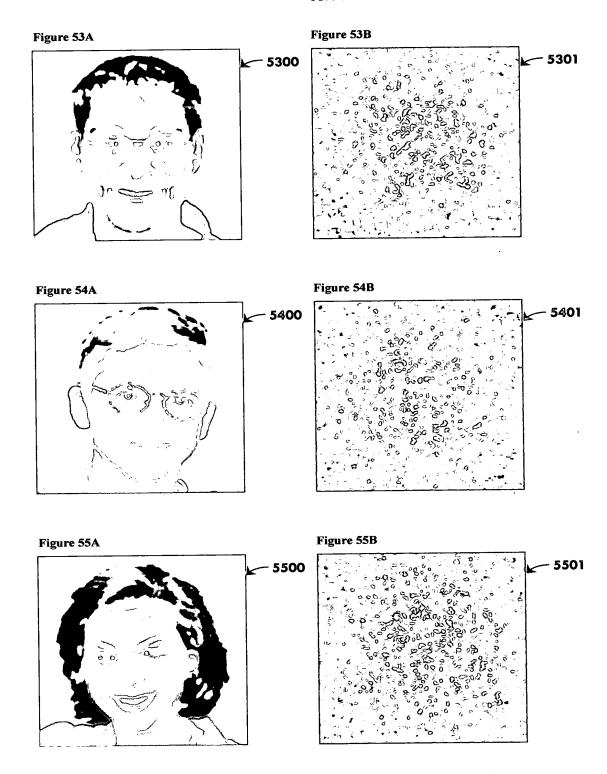
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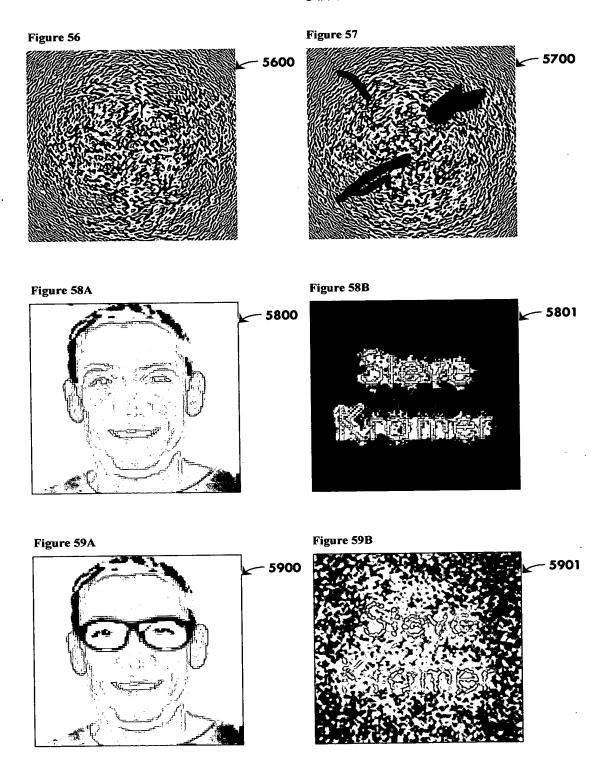


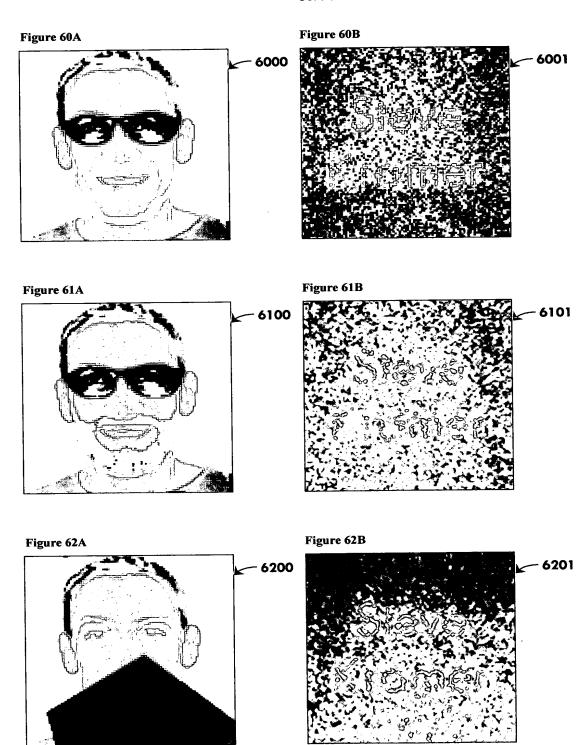


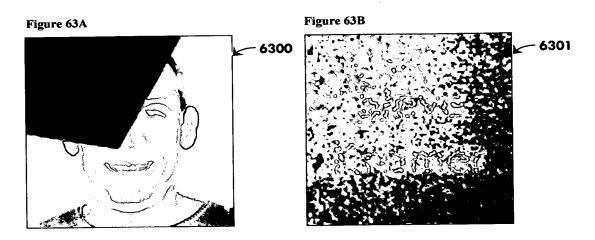


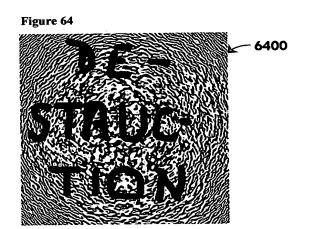


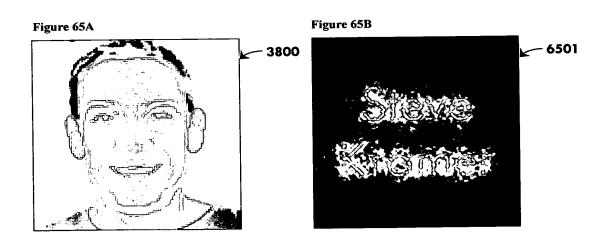


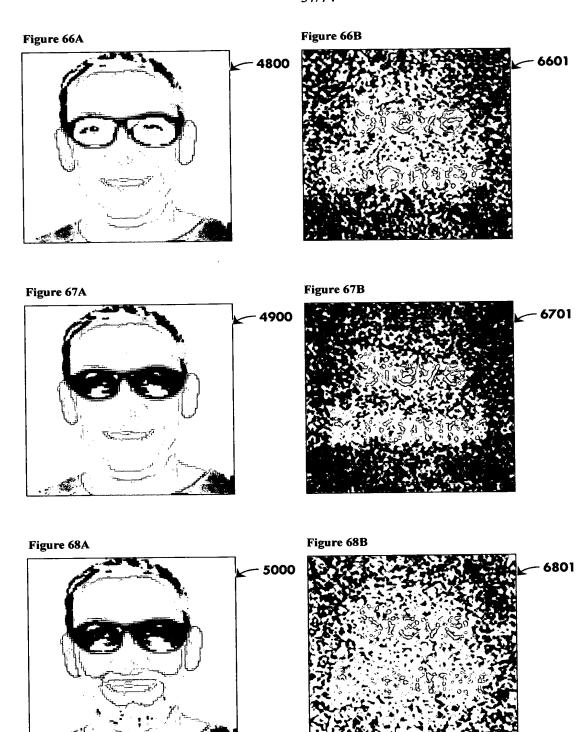












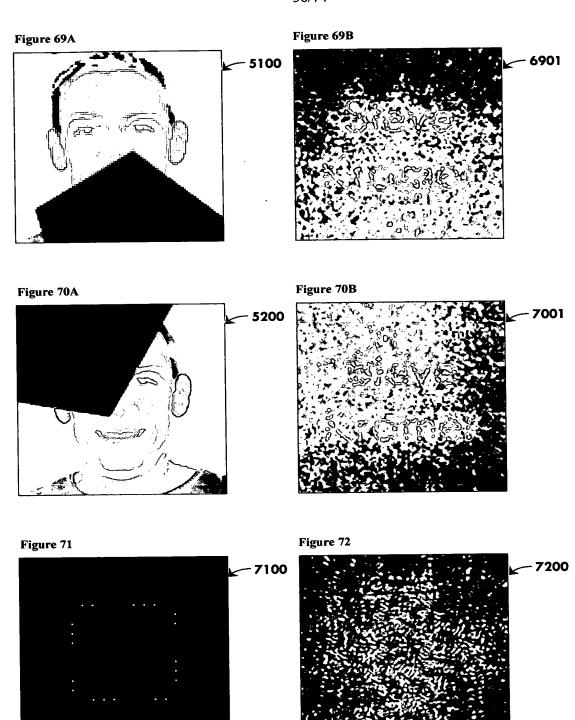


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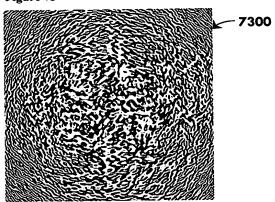


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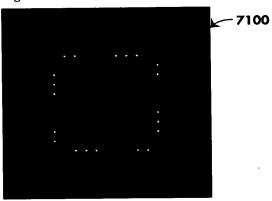


Figure 74B

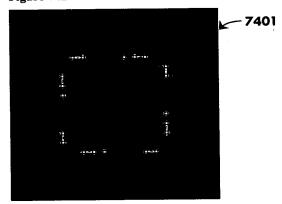


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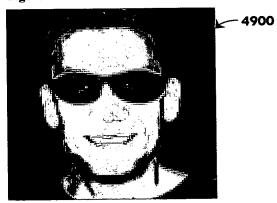
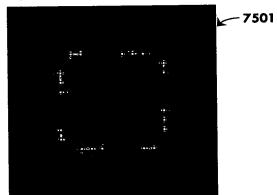


Figure 75B



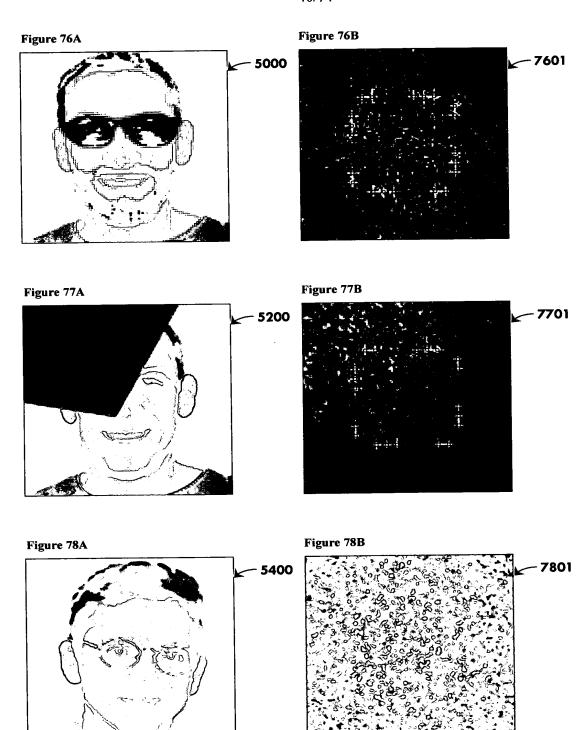


Figure 79

IIP Reconstruction (Steve K.)

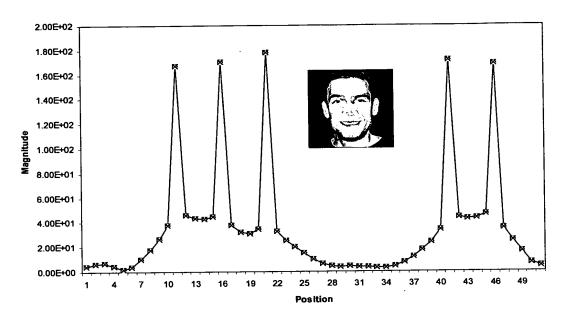


Figure 80

IIP Reconstruction (Steve K. 1) 4.1% obscured

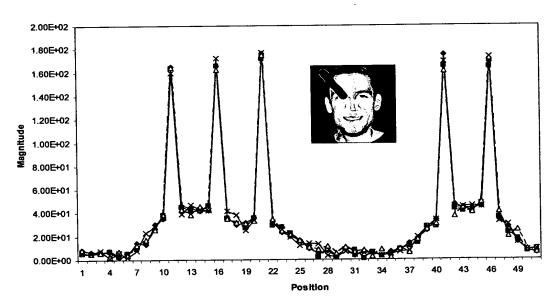
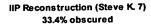


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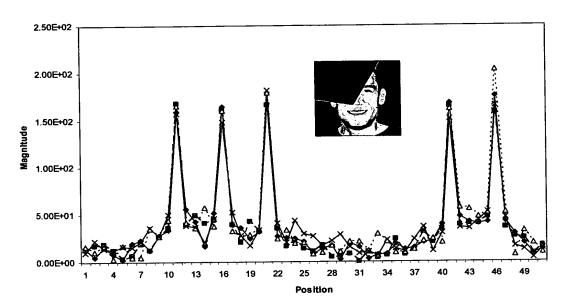
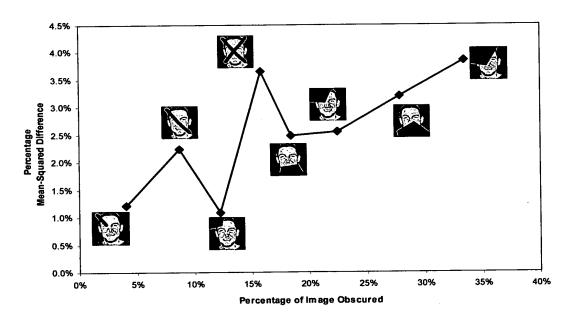
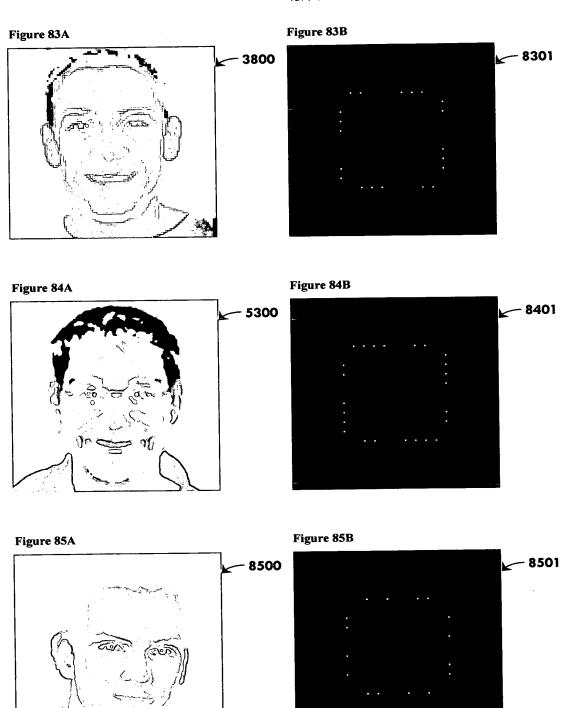
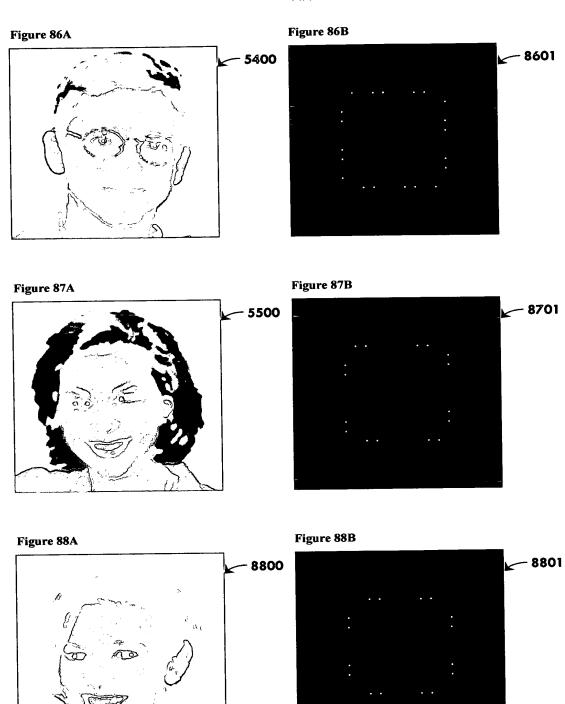


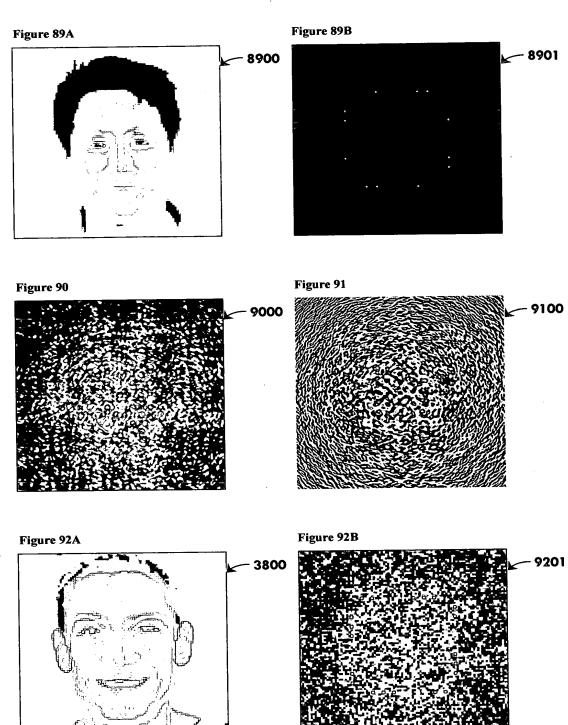
Figure 82

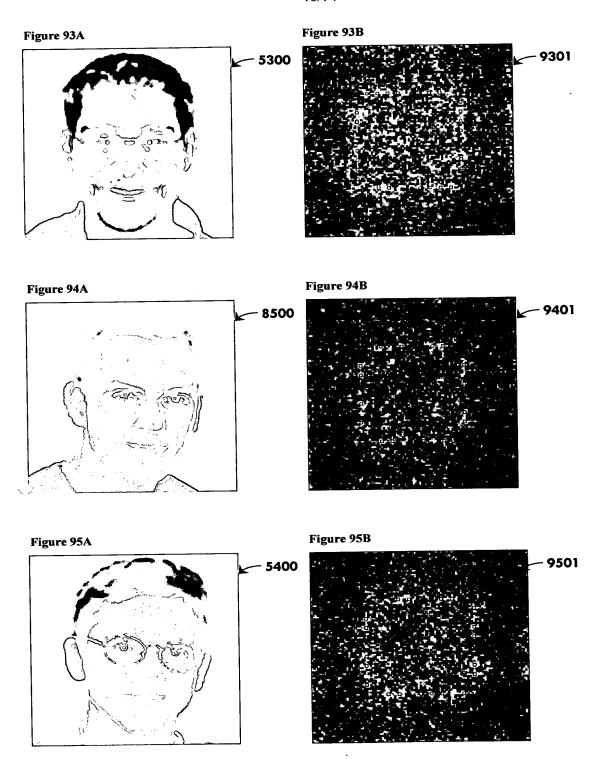
IIP Reconstruction as a Function of Degree of Obscurity

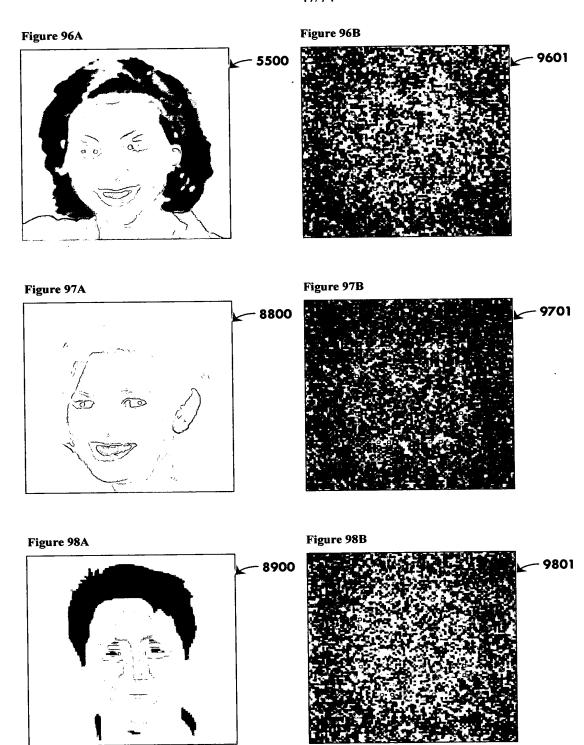


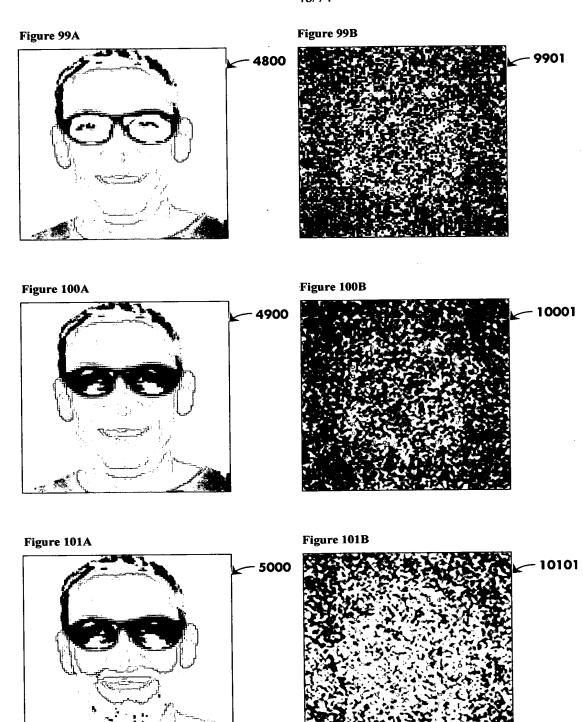


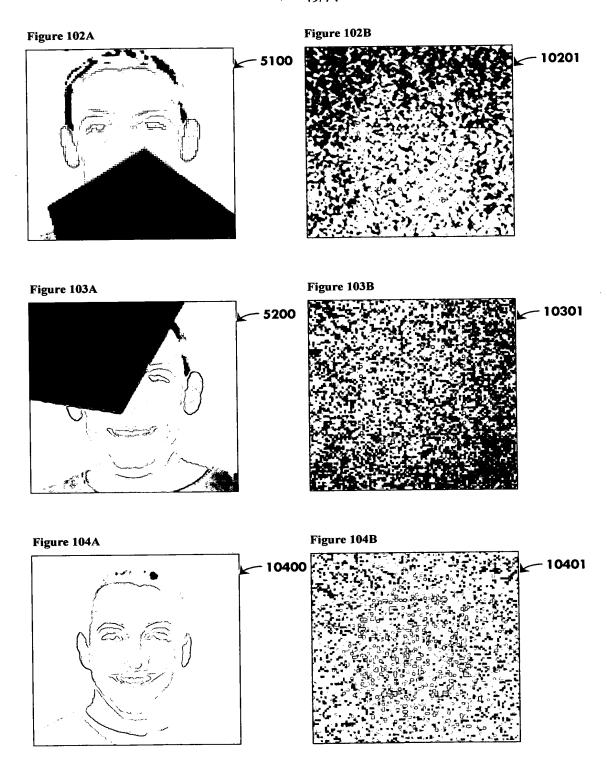


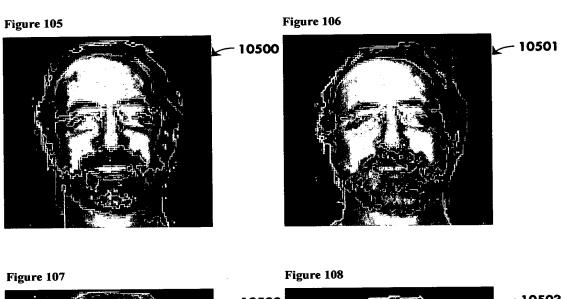


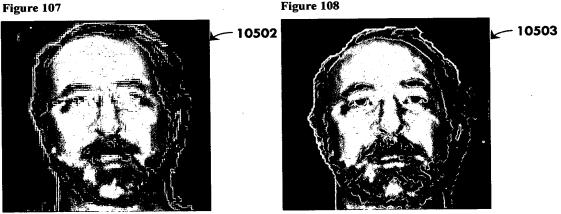


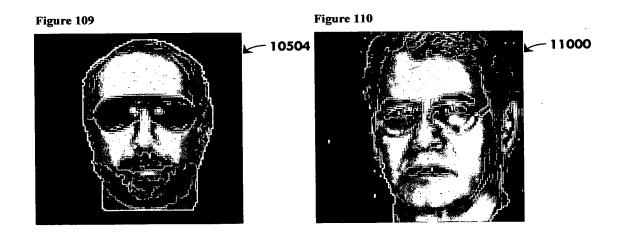


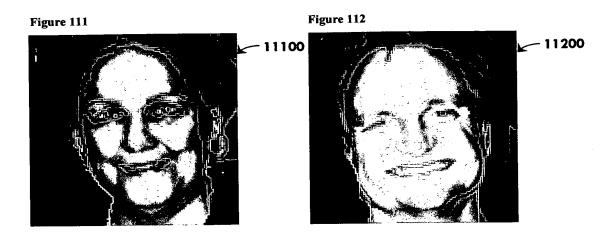


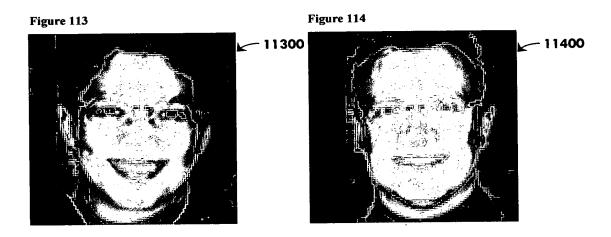












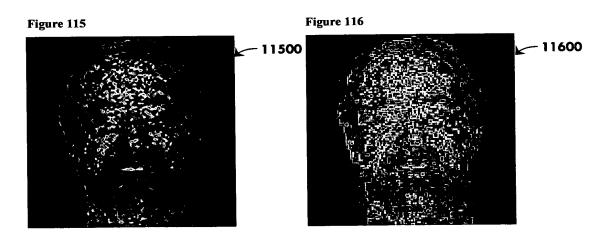
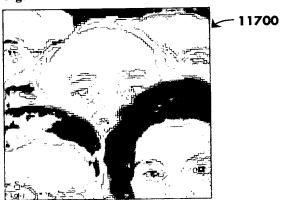
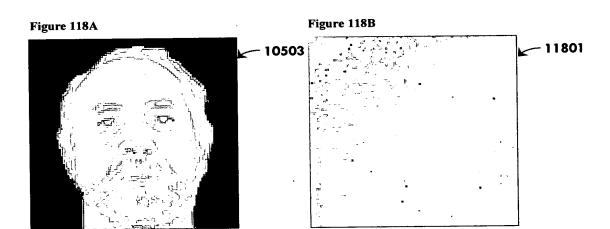
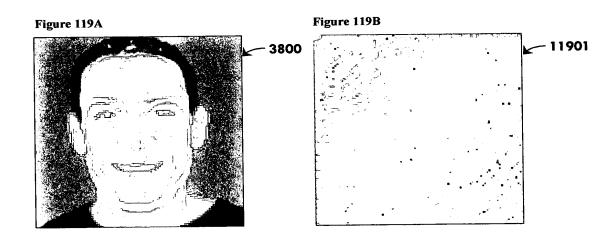
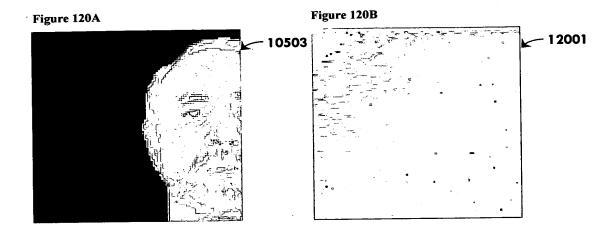


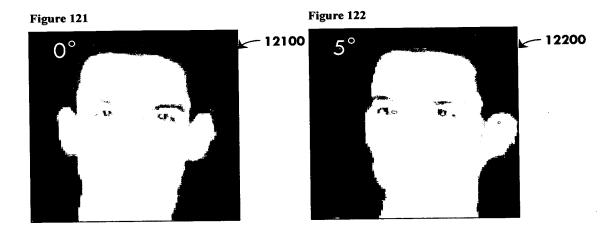
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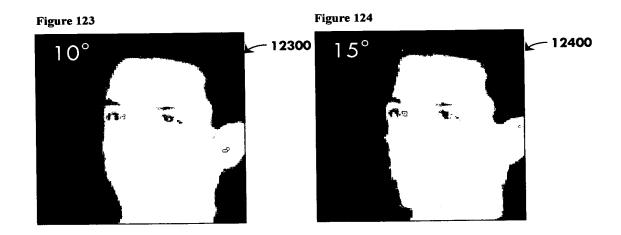


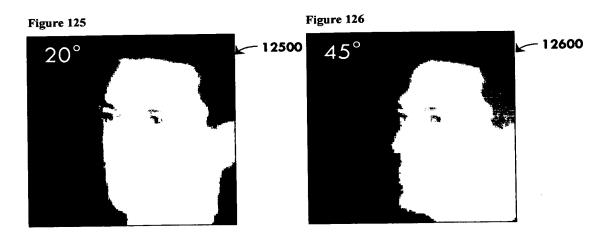


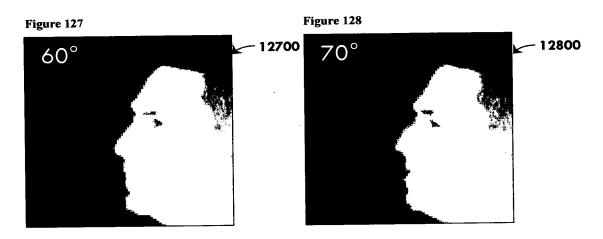


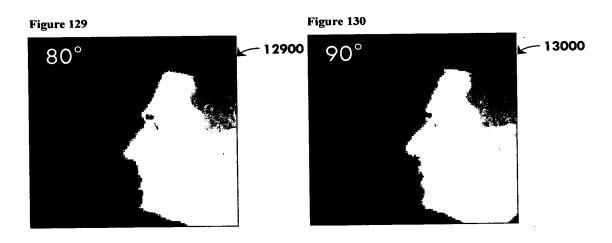


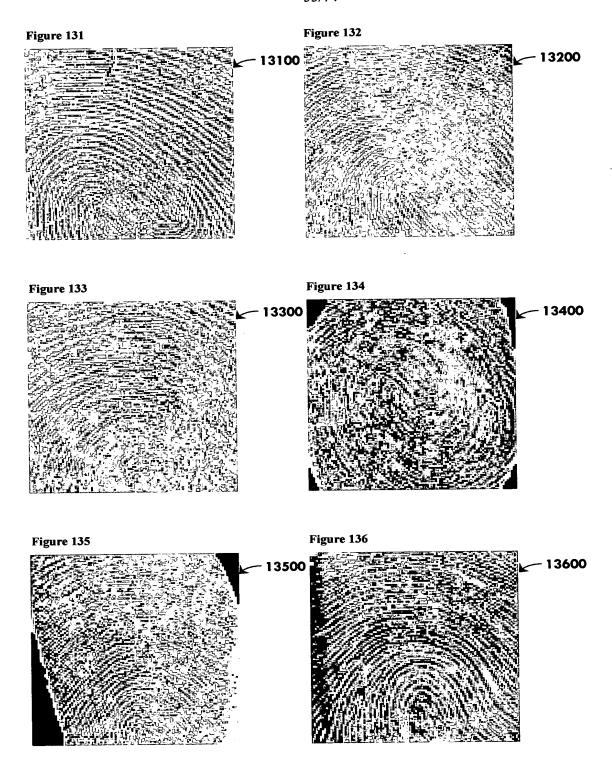












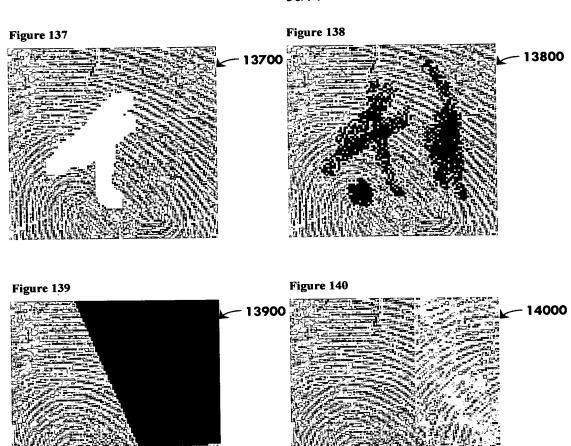


Figure 141

Figure 142

14100

- 14200

Stephen

Stephen

Figure 143

Figure 144

14300

14400

Stephen

Figure 145

Stephen

Figure 145

Figure 146

14500

14600

Stephen

Stephen

Figure 147

Figure 148

14700

14800

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Stephen

Figure 149

Figure 150

L 14900

15000

Stephen

Stephen

Figure 151

15100

Pane

Figure 152A

Flowchart for software embodiment: Overall Control

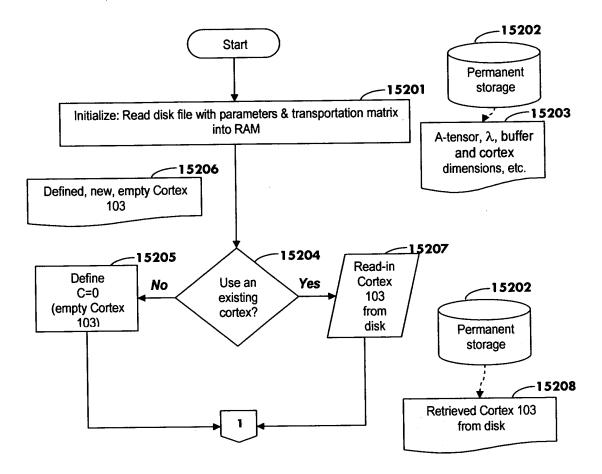


Figure 152B

Flowchart for software embodiment: Overall Control (continued)

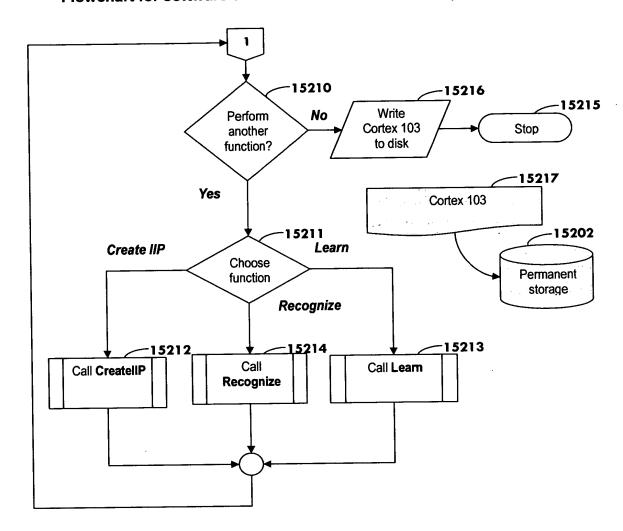


Figure 153

Flowchart for software embodiment: Create IIP

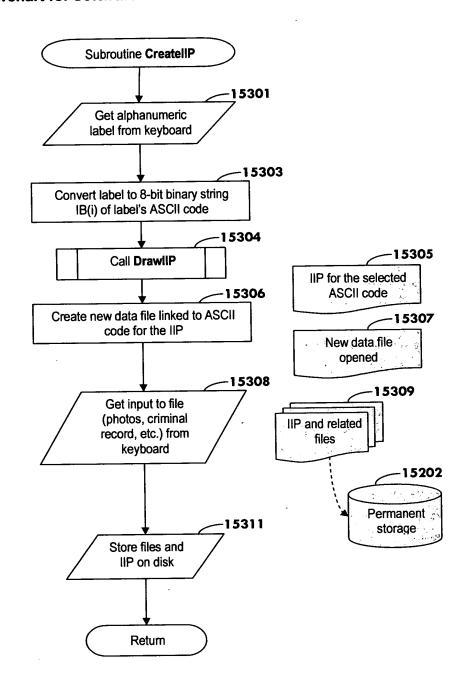


Figure 154A

Flowchart for software embodiment: Learn

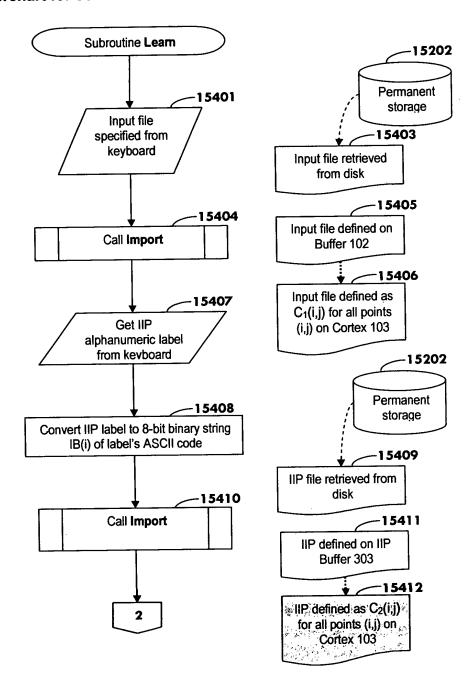


Figure 154B

Flowchart for software embodiment: Learn (continued)

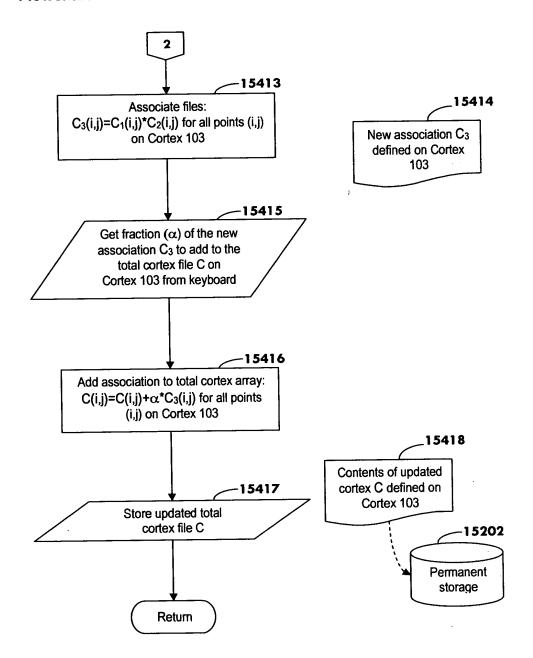
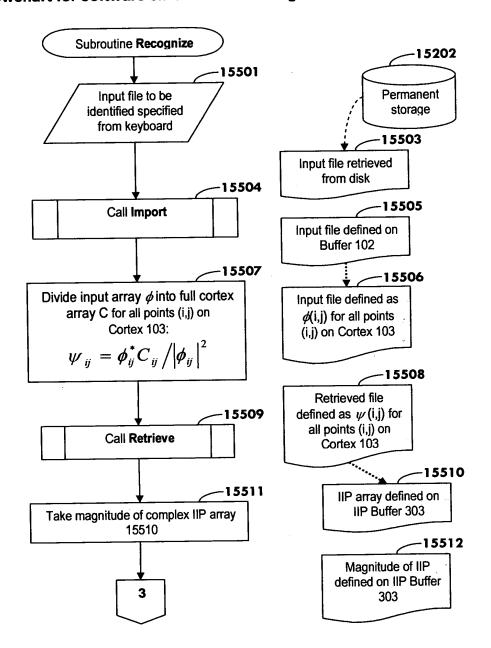


Figure 155A

Flowchart for software embodiment: Recognize



Flowchart for software embodiment: Recognize (continued)

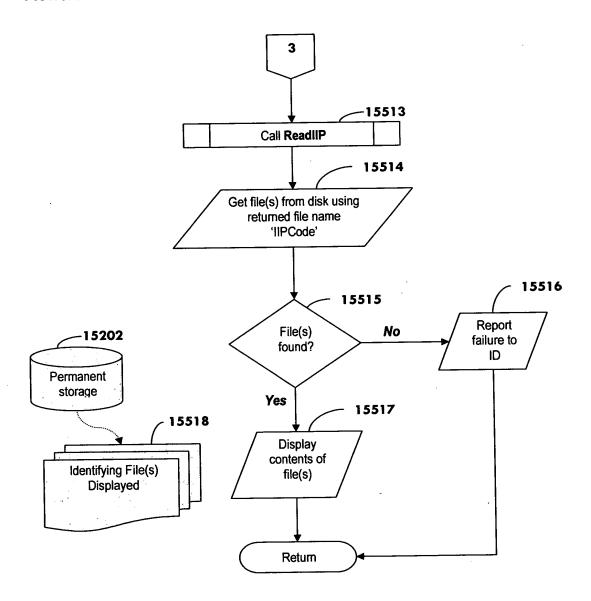


Figure 156A

Flowchart for software embodiment: Draw IIP

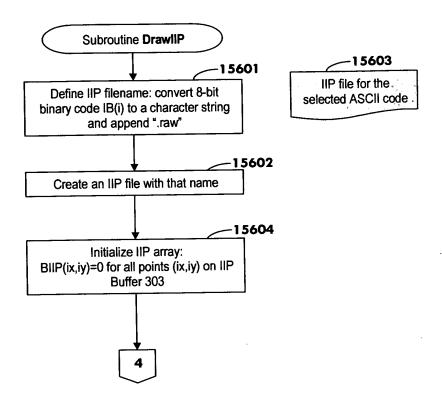


Figure 156B

Flowchart for software embodiment: Draw IIP (continued)

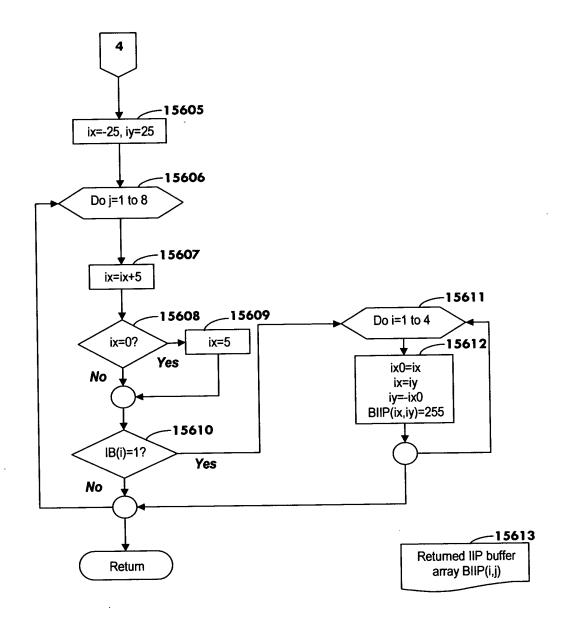


Figure 157

Flowchart for software embodiment: Import

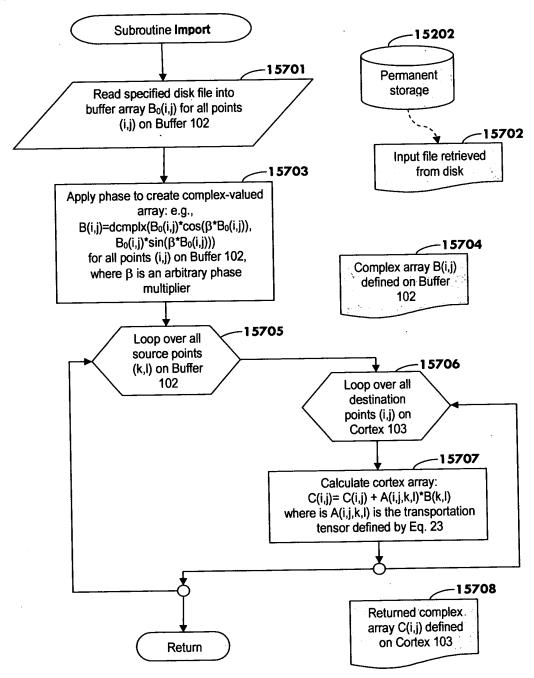


Figure 158

Flowchart for software embodiment: Retrieve

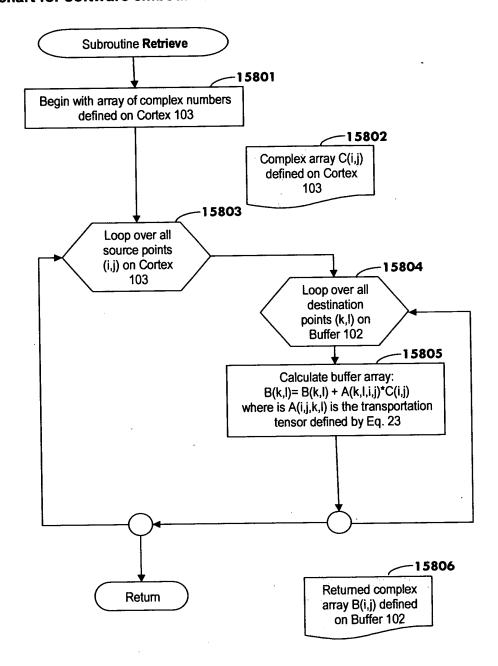


Figure 159A

Flowchart for software embodiment: Read IIP

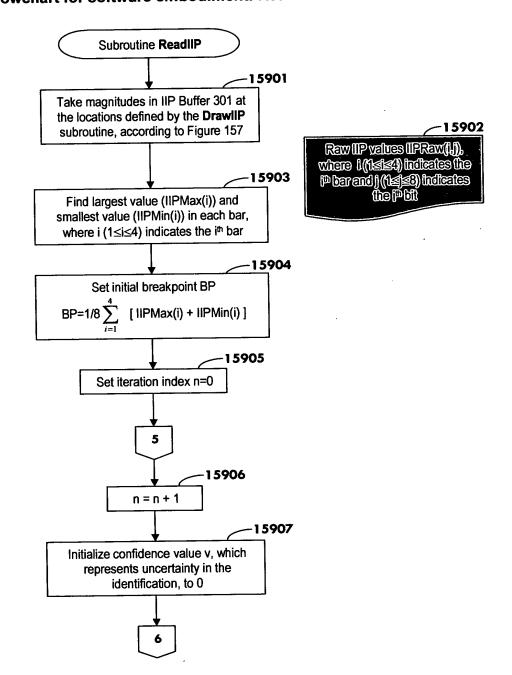


Figure 159B

Flowchart for software embodiment: Read IIP (continued)

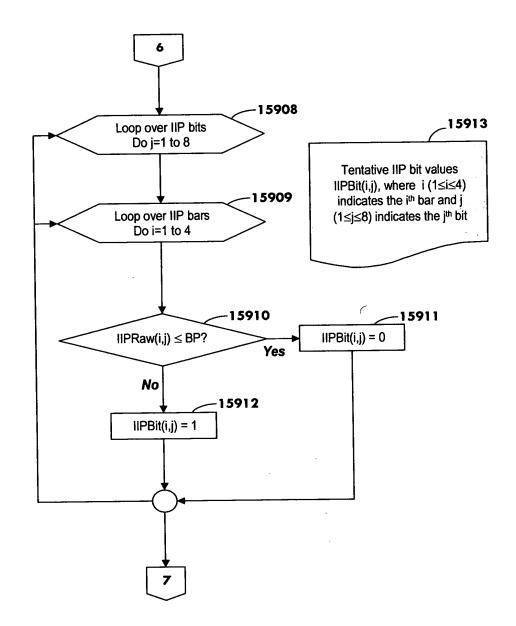


Figure 159C
Flowchart for software embodiment: Read IIP (continued)

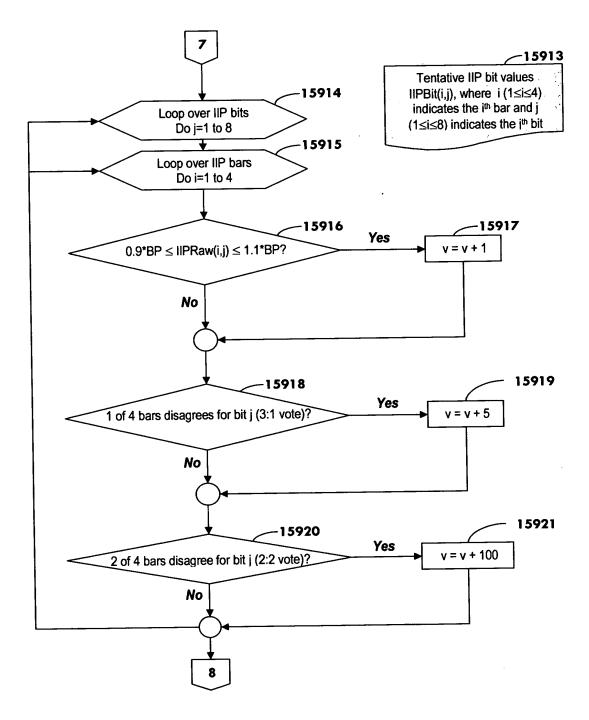


Figure 159D

Flowchart for software embodiment: Read IIP (continued)

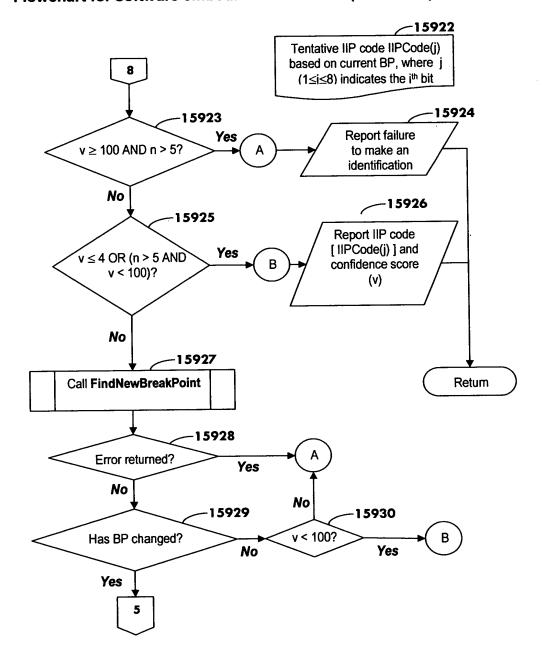


Figure 160

Flowchart for software embodiment: Find New BreakPoint

